

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1: (Currently amended) A method of producing a well comprising the steps of:

- a) positioning well fluid production tubing having an affixed pressure activated production valve within a well borehole so that the production valve is proximate a well production zone;
- b) cementing said production tubing within said well borehole above said well production zone;
- c) purging ~~substantially all~~ most of the cement from an internal bore of said production tube by fluid displacement; ~~and~~
- d) opening the production valve to fluid flow from said production zone by fluid displacement within said internal bore; and
- e) purging the residual cement from the internal bore of said production tube through the production valve.

Claim 2. (Currently amended) A method of completing a well comprising the steps of:

- a) assembling a well fluid production string comprising a pressure activated cementing valve, an external casing packer, a pressure activated production valve and a plug seal operatively combined with production tubing;
- b) positioning said production valve within said well at a desired well fluid production location;

- c) delivering a pump-down plug into said plug seal;
- d) increasing fluid pressure within said production tubing to inflate said external casing packer;
- e) increasing fluid pressure within said production tubing to open said pressure activated cementing valve;
- f) pumping a desired quantity of borehole cement down said tubing and through said open cementing valve; and
- g) purging residual cement through the production valve.

Claims 3-11: (Cancelled).

Claim 12: (Previously presented) A method of completing a well as described in claim 2 wherein said production string assembly further comprises a production packer positioned up-hole from said cementing valve.

Claim 13: (Previously presented) The method of completing a well as described in claim 2 further comprising the step of delivering a closing pump-down plug against said pressure activated cementing valve to close said cementing valve.

Claim 14: (Previously presented) The method of completing a well as described in claim 13 further comprising the step of increasing fluid pressure within said production tubing to open said production valve.

Claim 15: (Previously presented) The method of completing a well as described in claim 14 further comprising the step of displacing said closing pump-down plug from obstructing a flowpath through said production valve.

Claim 16: (Previously presented) The method of completing a well as described in claim 15 further comprising the step of producing well fluid through said production tube.

Claim 17: (withdrawn) A method of completing a well comprising the steps of:
positioning well fluid production tubing within a well borehole in flow communication with a well production zone;
inflating an external casing packer upon said well fluid production tubing;
pumping a desired quantity of borehole cement down said production tubing and through a cementing valve;and
closing the cementing valve; and
increasing fluid pressure within the production tubing, after the cementing valve has been closed, to open a production valve.

Claim 18: (withdrawn) The method of completing a well as described in claim 17 wherein the step of inflating an external casing packer further comprises:
disposing a pump-down plug into the well fluid production tubing; and
increasing fluid pressure within the production tubing behind the pump-down plug to inflate the casing packer.

Claim 19: (withdrawn) The method of completing a well as described in claim 17 wherein the step of closing the cementing valve further comprises delivering a closing pump-down plug against a pressure-activated cementing valve to close said valve.

Claim 20. (Cancelled)

Claim 21: (withdrawn) The method of completing a well as described in claim 20 17 further comprising the step of producing well fluid through the production tubing.

Claim 22: (New) The method of completing a well as described in claim 1 further comprising releasably attaching a plug seat and plug valve to the production tubular; and using the plug seat and plug valve to drive the residual cement out of the production valve.

Claim 23: (New) The method of completing a well as described in claim 1 wherein the production tubular is opened by rupturing frangible members.

Claim 24: (New) The method of completing a well as described in claim 1 further comprising the step of using a pressure activated cementing valve to cement the production tubing in the wellbore, wherein the pressure for activating the pressure activated cementing valve is less than the pressure for activating the pressure activated production valve.

Claim 25: (New) The method of completing a well as described in claim 2 further comprising releasably attaching a plug seat and plug valve to the production tubular; and using the plug seat and plug valve to drive the residual cement out of the production valve.

Claim 26: (New) The method of completing a well as described in claim 2 wherein the production tubular is opened by rupturing frangible members.

Claim 27: (New) The method of completing a well as described in claim 2 , wherein the pressure for activating the pressure activated cementing valve is less than the pressure for activating the pressure activated production valve.